

REPORT OF CHANNEL CONDITIONS (FOR CHANNELS 400 FEET WIDE OR GREATER) (ER 1130-2-316)						Page 1 of 1		
						Oct-2006		
TO: Port Manager, Port and Airport Authority 2300 Virginia Avenue, Fort Pierce, FL 33482				FROM USACE, District Engineer Attn: CESAJ-CO-OM Jacksonville, Florida				
RIVER/HARBOR NAME AND STATE Fort Pierce Harbor, St. Lucie County, FL 33482				MINIMUM DEPTHS IN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD				
NAME OF CHANNEL	Date of Survey	AUTHORIZED PROJECT			Left Outside Quarter (feet)	Left Inside Quarter (feet)	Right Inside Quarter (feet)	Right Outside Quarter (feet)
		Width (feet)	Length (miles)	Depth (feet)				

Entrance Channel: Cut-1, from 1,500 feet (0.25 nm) landward of Red Lighted Buoy-2 to Red Lighted Buoy-6	Oct-2006	360-400	1.3	30	30.9 (1)	31.2 (1)	31.0 (1)	31.0 (1)
Cut-1, from Red Lighted Buoy-6 to 900 feet east of Red Lighted Buoy-8	Oct-2006	250-360	0.5	30	26.3 (2)	23.2 (2)	23.3 (2)	29.4 (2)
Cut-1, from 900 feet east of Red Lighted Buoy-8 to Red Lighted Buoy-10	Oct-2006	250-385	0.6	28	24.1 (3)	25.1 (3)	25.4 (3)	25.2 (3)
Cut-2, from Red Lighted Buoy-10 to Red Lighted Buoy-12	Oct-2006	250-385	0.5	28	27.4 (4)	23.8 (4)	25.9 (4)	25.0 (4)
Cut-2, from Red Lighted Buoy-12 to Green Light-17 @ Turning Basin	Oct-2006	250	0.8	28	20.4 (5)	25.7 (5)	26.9 (5)	27.3 (5)
Turning Basin	Oct-2006	250-2200	0.3	28	20.5 (6)	25.2 (6)	25.7 (6)	25.6 (6)

Remarks:

1. Depths are project depth or deeper.
2. Shoaling located approximately 1,900 feet west of Green Lighted Buoy-5. Shoaling extends into channel 200 feet.
3. Shoaling located 450 west of Green Lighted Buoy-7. Shoals extend across width of channel in this area.
4. Shoaling locate 400 feet west of Green Lighted Buoy-11. Shoals extend across width of channel in this area.
5. Shoaling located in vicinity of Green Lighted Buoy-15. Shoals extend across width of channel in this area.
6. Shoaling throughout entire Turning Basin.

*Survey #07-008 dated October 2006